

Human Ankyrin-2 ELISA Kit | ANK2 elisa kit

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CATALOG #
AAA194380

REACTIVITY
Human

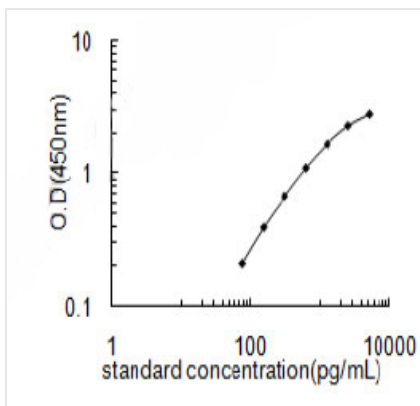
PRODUCT SYNONYMS

Ankyrin-2; Human Ankyrin-2 ELISA Kit; ANK-2; Ankyrin-B; Brain ankyrin; Non-erythroid ankyrin; ANK2; ANK2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Human ANK-2
Sequence Length	1863
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	78-5000 pg/mL
Sensitivity	< 41.8 pg/mL
Intra-assay Precision	<=7.9%.
Inter-assay Precision	<=9.2%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ANK2 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	188595682
NCBI GeneID	287
NCBI Accession #	NP_001120965.1
NCBI GenBank Nucleotide #	NM_001127493.1
UniProt Accession #	Q01484; Q01485; Q08AC7; Q08AC8; Q7Z3L5
Molecular Weight	63,361 Da
NCBI Official Full Name	ankyrin-2 isoform 3
NCBI Official Synonym Full Names	ankyrin 2, neuronal
NCBI Official Symbol	ANK2
NCBI Official Synonym Symbols	LQT4; ANK-2; brank-2
NCBI Protein Information	ankyrin-2
UniProt Protein Name	Ankyrin-2
UniProt Gene Name	ANK2
UniProt Synonym Gene Names	ANK-2
UniProt Entry Name	ANK2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/ank2-human-elisa-kits/ankyrin-2/194380>